

SPIE Web

The website for optics, photonics, and imaging

PUBLICATIONS

home



contact

product
searchjoin
spieview
cart

OPTICS COMMUNITY SERVICES

SPIEWORKS

students &
educatorsdiscussion
forumsphotonics
gatewayrecent
librarycareer
services

SPIE HOME

PUBLICATIONS

CONFERENCES

EXHIBITIONS

MEMBERSHIP

EDUCATION

SPIE
BOOKSTORE

JOURNALS

PROCEEDINGS

SPIE PRESS

MAGAZINES

AUTHOR
INFORMATIONADVANCED
SEARCHSEARCH PUBLICATIONS »
USING INCITE®☐ Volumes☒ Papers

view cart

**BROWSE
PUBLICATIONS**

- [Aerospace, Remote Sensing, & Astronomy](#)
- [Automation, Inspection, & Product Engineering](#)
- [Biomedical Optics](#)
- [Communications & Fiber Optics](#)
- [Electronic Imaging, Displays, & Medical Imaging](#)
- [Lasers & Applications](#)
- [Microelectronics, Optoelectronics, & Micromachining](#)
- [Optical Physics, Chemistry, & Biology](#)
- [Optical Science & Engineering](#)
- [Signal & Image Processing](#)

Paper Search Results**PUBLICATIONS**

Find more information on "daly, scott":

► Search the [SPIE Technical Forums](#)► Search the [SPIE Short Courses](#)

Sort by

Score



Sort

Papers 1 to 17 of 17 [\[Show Abstracts\]](#)

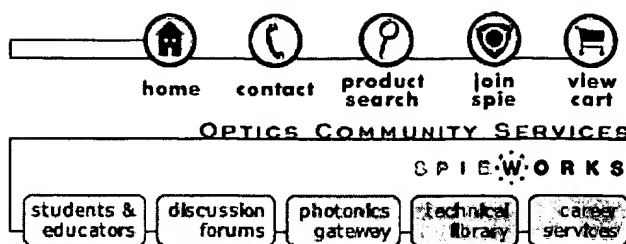
Prices: SPIE Members / Non-Members (list price)

Abstract	Sampling of post-Riley visual artists surreptitiously probing perception	Paper
Buy	Daly, Scott J.	Vol. 5007
Paper copy		\$12/\$15
Abstract	Bit-depth extension using spatiotemporal microdither based on models of the equivalent input noise of the visual system	Paper
Buy	Daly, Scott J.; Feng, Xiaofan	Vol. 5008
Paper copy		\$12/\$15
Abstract	Practical applications that require some of the more advanced features of current visual models	Paper
Buy	Daly, Scott J.; Feng, Xiaofan; Speigle, Jon M.	Vol. 4662
Paper copy		\$12/\$15
Abstract	As plain as the noise on your face: Adaptive video compression using face detection and visual eccentricity models	Paper
Buy	Daly, Scott J.; Matthews, Kristine E.; Ribas-Corbera, Jordi	J. of Elect. Imaging 10
Paper copy		\$12/\$15
Abstract	Vision-based strategy to improve the color misregistration of image capturing devices	Paper
Buy	Feng, Xiaofan; Daly, Scott J.	Vol. 3959
Paper copy		\$12/\$15
Abstract	Visual masking in wavelet compression for JPEG-2000	Paper
Buy	Daly, Scott J.; Zeng, Wenjun; Li, Jin; Lei, Shawmin	Vol. 3974
Paper copy		\$12/\$15
Abstract	Visual eccentricity models in face-based video compression	Paper
Buy	Daly, Scott J.; Matthews, Kristine E.; Ribas-Corbera, Jordi	Vol. 3644
Paper copy		

BEST AVAILABLE COPY

SPIE Web

The website for optics, photonics, and imaging

PUBLICATIONS

SPIE HOME	PUBLICATIONS	CONFERENCES	EXHIBITIONS	MEMBERSHIP	EDUCATION
SPIE BOOKSTORE	JOURNALS	PROCEEDINGS	SPIE PRESS	MAGAZINES	AUTHOR INFORMATION
				ADVANCED SEARCH	

SEARCH PUBLICATIONS »
USING INCITE®☐ Volumes☒ Papers

view cart

BROWSE PUBLICATIONS

- [Aerospace, Remote Sensing, & Astronomy](#)
- [Automation, Inspection, & Product Engineering](#)
- [Biomedical Optics](#)
- [Communications & Fiber Optics](#)
- [Electronic Imaging, Displays, & Medical Imaging](#)
- [Lasers & Applications](#)
- [Microelectronics, Optoelectronics, & Micromachining](#)
- [Optical Physics, Chemistry, & Biology](#)
- [Optical Science & Engineering](#)
- [Signal & Image Processing](#)

Paper Search Results**PUBLICATIONS**

No results were found for:

- **kaly, scott**

Try using related or less specific search terms.

BEST AVAILABLE COPY

| [SPIE Home](#) | [Publications](#) | [Conferences](#) | [Exhibitions](#) | [Membership](#) | [Education](#) |Telephone: +1 360/676-3290 | Fax +1 360/647-1445 | Email: spie@spie.org

© 1994-2002 SPIE—The International Society for Optical Engineering

SPIE Web

The website for optics, photonics, and imaging

PUBLICATIONS



SPIE HOME	PUBLICATIONS	CONFERENCES	EXHIBITIONS	MEMBERSHIP	EDUCATION
SPIE BOOKSTORE	JOURNALS	PROCEEDINGS	SPIE PRESS	MAGAZINES	AUTHOR INFORMATION
				ADVANCED SEARCH	

 SEARCH PUBLICATIONS »
 USING INCITE®

☐ Volumes
☒ Papers


view cart

BROWSE PUBLICATIONS

- [Aerospace, Remote Sensing, & Astronomy](#)
- [Automation, Inspection, & Product Engineering](#)
- [Biomedical Optics](#)
- [Communications & Fiber Optics](#)
- [Electronic Imaging, Displays, & Medical Imaging](#)
- [Lasers & Applications](#)
- [Microelectronics, Optoelectronics, & Micromachining](#)
- [Optical Physics, Chemistry, & Biology](#)
- [Optical Science & Engineering](#)
- [Signal & Image Processing](#)

Abstract

PUBLICATIONS

Investigation of the effects of uniform perceptual quantization in the context of digital radiography

Sezan, M. I., Yip, K. L., Daly, S. J.,

Publication: Medical Imaging, SPIE Proceedings Vol. 767. Edited by Samuel J. Dwyer, III and Robert H. Schneider. Bellingham, WA: Society for Photo-Optical Instrumentation Engineers, 1987., p.622

Publication Date: 1/1987

Abstract:
Not Available

©2004 SPIE--The International Society for Optical Engineering. Downloading of the abstract is permitted for personal use only.

You may order this paper or volume online

Order this paper

Order this volume

Use your browser's **Back** button to return to the search results

BEST AVAILABLE COPY

[SPIE Home](#) | [Publications](#) | [Conferences](#) | [Exhibitions](#) | [Membership](#) | [Education](#) |

 Telephone: +1 360/676-3290 | Fax +1 360/647-1445 | Email: spie@spie.org

© 1994-2002 SPIE—The International Society for Optical Engineering



[> home](#) [> about](#) [> feedback](#) [> login](#)

US Patent & Trademark Office



Try the *new* Portal design

Give us your opinion after using it.

Search Results

Search Results for: [(*) <AND>((daly)<IN> author)]

Found **20** of **127,944** searched.

Search within Results







[> Advanced Search](#)

[> Search Help/Tips](#)

Sort by: **Title** **Publication** **Publication Date** **Score**  **Binder**

Results 1 - 20 of 20 short listing

- 1  An experimental evaluation of quality guidelines on the maintainability of object-oriented design documents 82%
Lionel C. Briand , Christian Bunse , John W. Daly
Papers presented at the seventh workshop on Empirical studies of programmers
October 1997
- 2  Process modelling and empirical studies of software evolution 82%
(workshop)
Rachel Harrison , Martin Shepperd , John W. Daly
Proceedings of the 19th international conference on Software engineering May 1997
- 3  Design of a programmable temperature monitoring device for tagging small fish 82%
Godi Fischer , James C. Daly , Chun Yang , Conrad W. Recksiek , Kevin D. Friedland
Proceedings of the 1996 international symposium on Low power electronics and design August 1996
- 4  Platform independent dynamic Java virtual machine analysis: the Java Grande Forum Benchmark suite 80%
Charles Daly , Jane Horgan , James Power , John Waldron
Proceedings of the 2001 joint ACM-ISCOPE conference on Java Grande June 2001

In this paper we present a platform independent analysis of the dynamic profiles of Java programs when executing on the Java Virtual Machine. The Java programs selected are taken from the Java Grande Forum benchmark suite, and five different Java-to-bytecode compilers are analysed. The results presented describe the dynamic instruction usage frequencies, as well as the sizes of the local variable, parameter and operand stacks during execution on the JVM.

09/661, 633



[> home](#) [> about](#) [> feedback](#) [> login](#)

US Patent & Trademark Office



Try the *new* Portal design

Give us your opinion after using it.

Search Results

Search Results for: **[(visual and sensitivity and eccentricity)]**

Found **18** of **127,944** searched.

Search within Results



[> Advanced Search](#)

[> Search Help/Tips](#)

Sort by: [Title](#) [Publication](#) [Publication Date](#) [Score](#) [Binder](#)

Results 1 - 18 of 18 [short listing](#)

- 1** Stylization and abstraction of photographs 94%

Doug DeCarlo , Anthony Santella
ACM Transactions on Graphics (TOG) , Proceedings of the 29th annual conference on Computer graphics and interactive techniques July 2002
 Volume 21 Issue 3
 Good information design depends on clarifying the meaningful structure in an image. We describe a computational approach to stylizing and abstracting photographs that explicitly responds to this design goal. Our system transforms images into a line-drawing style using bold edges and large regions of constant color. To do this, it represents images as a hierarchical structure of parts and boundaries computed using state-of-the-art computer vision. Our system identifies the meaningful elements of ...
- 2** Vision and the graphical simulation of spatial structure 90%

W. A. van de Grind
Proceedings of the 1986 workshop on Interactive 3D graphics January 1987
 One important message of this paper is that vision research is highly relevant to 3D graphics technology and that modern electronic graphical systems can and soon will strongly stimulate the further development of vision science. First an outline is given of ecological optics, the discipline trying to describe the visual information available to an active (mobile, structure-seeking) observer. Whereas ecological optics describes the available visual structure, the observables, psychophysics ...
- 3** Painterly rendering: Abstracted painterly renderings using eye-tracking data 88%

Anthony Santella , Doug DeCarlo
Proceedings of the second international symposium on Non-photorealistic animation and rendering June 2002
 When used by artists, manual interfaces for painterly rendering can yield very satisfying abstract transformations of images. Automatic techniques produce interesting paintings as well, but can only recast pictures in a different style without performing any abstraction. At best, information is removed uniformly across the



[> home](#) [> about](#) [> feedback](#) [> login](#)

US Patent & Trademark Office



Try the *new* Portal design

Give us your opinion after using it.

Search Results

Search Results for: **[(((face or facial) and region and compres*))]**

Found **947** of **127,944** searched.

Warning: Maximum result set of 200 exceeded. Consider refining.

Search within Results



[> Advanced Search](#)

[> Search Help/Tips](#)

Sort by: **Title** **Publication** **Publication Date** **Score**

Results 1 - 20 of 200

short listing



1

2

3

4

5

6

7

8

9

10



1 Detecting critical regions in scalar fields 100%



Gunther H. Weber , Gerik Scheuermann , Bernd Hamann

Proceedings of the symposium on Data visualisation 2003 May 2003

Trivariate data is commonly visualized using isosurfaces or direct volume rendering. When exploring scalar fields by isosurface extraction it is often difficult to choose isovalues that convey "useful" information. The significance of visualizations using direct volume rendering depends on the choice of good transfer functions. Understanding and using isosurface topology can help in identifying "relevant" isovalues for visualization via isosurfaces and can be used to automatically generate trans ...

2 Realm-based spatial data types: the ROSE algebra 100%



Ralf Hartmut Güting , Markus Schneider

The VLDB Journal – The International Journal on Very Large Data Bases April 1995

Volume 4 Issue 2

Spatial data types or algebras for database systems should (1) be fully general, that is, closed under set operations, (2) have formally defined semantics, (3) be defined in terms of finite representations available in computers, (4) offer facilities to enforce geometric consistency of related spatial objects, and (5) be independent of a particular DBMS data model, but cooperate with any. We present an algebra that uses *realms* as geometric domains underlying spatial data types. A realm, a ...

3 Face recognition: A literature survey 100%



W. Zhao , R. Chellappa , P. J. Phillips , A. Rosenfeld

ACM Computing Surveys (CSUR) December 2003

Volume 35 Issue 4

dblp.uni-trier.de

Scott Daly

List of publications from the [DBLP Bibliography Server](#) - [FAQ](#)

Ask others: [ACM DL](#) - [ACM Guide](#) - [CiteSeer](#) - [CSB](#) - [Google](#) - [HomePageSearch](#)

2003		
6	EE	Xiao-fan Feng, Scott Daly: Automatic JPEG Compression Using a Color Visual Model. PICS 2003 : 29-32
2000		
5		Wenjun Zeng, Scott Daly, Shawmin Lei: Point-Wise Extended Visual Masking for JPEG-2000 Image Compression. ICIP 2000
4		Wenjun Zeng, Scott Daly, Shawmin Lei: Visual Optimization Tools in JPEG 2000. ICIP 2000
1998		
3		Scott Daly, Kristine E. Matthews, Jordi Ribas-Corbera: Face-based Visually-Optimized Image Sequence Coding. ICIP (3) 1998 : 443-447
2		Scott Daly, Jack Van Oosterhout, William Kress: Improving Color Text Sharpness in Images with Reduced Chromatic Bandwidth. PICS 1998 : 386-390
1994		
1		Scott Daly: A Visual Model for Optimizing the Design of Image Processing Algorithms. ICIP (2) 1994 : 16-20

DBLP: [[Home](#) | [Search](#): [Author](#), [Title](#) | [Conferences](#) | [Journals](#)]

Michael Ley (ley@uni-trier.de) Mon Mar 8 16:59:30 2004

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
RELEASE 1.6Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **11** of **1011253** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Human skin color clustering for face detection***Kovac, J.; Peer, P.; Solina, F.;*

EUROCON 2003. Computer as a Tool. The IEEE Region 8 , Volume: 2 , 22-24 2003

Pages:144 - 148 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(529 KB\)\]](#) IEEE CNF**2 Visual adaptation and the relative nature of perception***Webster, M.A.;*

Image Processing, 2001. Proceedings. 2001 International Conference on , Vo 2 , 7-10 Oct. 2001

Pages:8 - 11 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) IEEE CNF**3 Face-based visually-optimized image sequence coding***Daly, S.; Matthews, K.; Ribas-Corbera, J.;*

Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference on , 4-7 Oct. 1998

Pages:443 - 447 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(699 KB\)\]](#) IEEE CNF**4 Rotation invariant neural network-based face detection***Rowley, H.A.; Baluja, S.; Kanade, T.;*

Computer Vision and Pattern Recognition, 1998. Proceedings. 1998 IEEE Computer Society Conference on , 23-25 June 1998

Pages:38 - 44

09/661,633

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.6

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **63** of **1011253** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering new one in the text box.

(face or facial) and (find* or locat* or region) and (encod

[Search](#)☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Automatic face recognition***Sutherland, K.; Renshaw, D.; Denyer, P.B.;*

Intelligent Systems Engineering, 1992., First International Conference on (Co Publ. No. 360) , 19-21 Aug 1992

Pages:29 - 34

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) **IEEE CNF**
2 Model-assisted coding of video teleconferencing sequences at low bit rates*Eleftheriadis, A.; Jacquin, A.;*

Circuits and Systems, 1994. ISCAS '94., 1994 IEEE International Symposium on , Volume: 3 , 30 May-2 June 1994

Pages:177 - 180 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) **IEEE CNF**
3 An automatic system for model-based coding of faces*Moghaddam, B.; Pentland, A.;*

Data Compression Conference, 1995. DCC '95. Proceedings , 28-30 March 1995

Pages:362 - 370

[\[Abstract\]](#) [\[PDF Full-Text \(564 KB\)\]](#) **IEEE CNF**
4 Matching pursuit filters applied to face identification*Phillips, P.J.;*

Image Processing, IEEE Transactions on , Volume: 7 , Issue: 8 , Aug. 1998

Pages:1150 - 1164

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) **IEEE JNL**

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore®**
RELEASE 1.6Welcome
United States Patent and Trademark Office[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **1** of **1011253** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Face-based visually-optimized image sequence coding***Daly, S.; Matthews, K.; Ribas-Corbera, J.;*

Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference on , 4-7 Oct. 1998

Pages:443 - 447 vol.3

[\[Abstract\]](#)[\[PDF Full-Text \(699 KB\)\]](#)**IEEE CNF**[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
IEEE Xplore[®]
 RELEASE 1.6

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)
Welcome to IEEE Xplore[®]

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **14** of **1011253** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

(face or facial) <near/2> (find* or locat* or region or seg

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 A highly efficient system for automatic face region detection in MPEG video***Hualu Wang; Shih-Fu Chang;*Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 7 , Issue: 4 , Aug. 1997
Pages:615 - 628
[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#) **IEEE JNL**
2 Face location in wavelet-based video compression for high perceptual quality videoconferencing*Jiebo Luo; Chang Wen Chen; Parker, K.J.;*Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 6 , Issue: 4 , Aug. 1996
Pages:411 - 414
[\[Abstract\]](#) [\[PDF Full-Text \(844 KB\)\]](#) **IEEE JNL**
3 Affine-structure-based facial image encoding*Chatterjee, S.; Banerjee, S.; Biswas, K.K.;*Vision, Image and Signal Processing, IEEE Proceedings- , Volume: 146 , Issue: 4 , Aug. 1999
Pages:211 - 221
[\[Abstract\]](#) [\[PDF Full-Text \(1032 KB\)\]](#) **IEEE JNL**
4 Face segmentation and facial feature tracking for videophone applications*Kwok-Wai Wong; Kin-Man Lam; Wan-Chi Siu; Kai-Ming Tse;*

Intelligent Multimedia, Video and Speech Processing, 2001. Proceedings of 2001

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
IEEE Xplore®
 RELEASE 1.6

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **12** documents.
 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.
Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Vision-based strategy to reduce the perceived color misregistration image-capturing devices
Xiao-Fan Feng; Daly, S.;

Proceedings of the IEEE , Volume: 90 , Issue: 1 , Jan. 2002

Pages:18 - 27

[\[Abstract\]](#) [\[PDF Full-Text \(488KB\)\]](#) IEEE JNL

2 Analysis and design of a practical discontinuous-conduction-mode BIFRED converter
Willers, M.J.; Egan, M.G.; Daly, S.; Murphy, J.M.D.;

Industrial Electronics, IEEE Transactions on , Volume: 46 , Issue: 4 , Aug. 19

Pages:724 - 733

[\[Abstract\]](#) [\[PDF Full-Text \(272KB\)\]](#) IEEE JNL

3 Subpixel rendering on non-striped colour matrix displays
Messing, D.S.; Kerofsky, L.; Daly, S.;

Image Processing, 2003. Proceedings. 2003 International Conference on , Vo 2 , Sept. 14-17, 2003

Pages:949 - 952

[\[Abstract\]](#) [\[PDF Full-Text \(400KB\)\]](#) IEEE CNF

4 Improved display resolution of subsampled colour images using sul addressing
Messing, D.S.; Daly, S.;

Image Processing, 2002. Proceedings. 2002 International Conference on , Vo 1 , 22-25 Sept. 2002

Pages:I-625 - I-628 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(354KB\)\]](#) IEEE CNF

5 Visual optimization tools in JPEG 2000
Wenjun Zeng; Daly, S.; Shawmin Lei;

Image Processing, 2000. Proceedings. 2000 International Conference on , Vo

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership | Publications/Services | Standards | Conferences | Careers/Jobs

IEEE Xplore®
 RELEASE 1.6

 Welcome
 United States Patent and Trademark Office

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)
[Quick Links](#)
Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Your search matched **4** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 A Bayes decision test for detecting uncovered-background and moving pixels in image sequences
Matthews, K.E.; Namazi, N.M.;

 Image Processing, IEEE Transactions on , Volume: 7 , Issue: 5 , May 1998
 Pages:720 - 728

[\[Abstract\]](#) [\[PDF Full-Text \(320KB\)\]](#) IEEE JNL

2 A robust real-time face tracking algorithm
Qian, R.J.; Sezan, M.I.; Matthews, K.E.;

 Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference on , Volume: 1 , 4-7 Oct. 1998
 Pages:131 - 135 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(424KB\)\]](#) IEEE CNF

3 Simultaneous parameter estimation and object segmentation from image sequences
Matthews, K.E.; Namazi, N.M.;

 Acoustics, Speech, and Signal Processing, 1996. ICASSP-96. Conference Proceedings., 1996 IEEE International Conference on , Volume: 4 , 7-10 May
 Pages:1970 - 1973 vol. 4

[\[Abstract\]](#) [\[PDF Full-Text \(468KB\)\]](#) IEEE CNF

4 Simultaneous motion parameter estimation and image segmentation using the EM algorithm
Matthews, K.E.; Namazi, N.M.;

 Image Processing, 1995. Proceedings., International Conference on , Volume: 1 , 23-26 Oct. 1995
 Pages:542 - 545 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(448KB\)\]](#) IEEE CNF

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
IEEE Xplore®
 RELEASE 1.6

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **10** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 A generalized hypothetical reference decoder for H.264/AVC

Ribas-Corbera, J.; Chou, P.A.; Regunathan, S.L.;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 13 , Issue: 7 , July 2003

Pages:674 - 687

[\[Abstract\]](#) [\[PDF Full-Text \(788KB\)\]](#) **IEEE JNL**

2 Optimizing motion-vector accuracy in block-based video coding

Ribas-Corbera, J.; Neuhoff, D.L.;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 11 , Issue: 4 , April 2001

Pages:497 - 511

[\[Abstract\]](#) [\[PDF Full-Text \(320KB\)\]](#) **IEEE JNL**

3 A frame-layer bit allocation for H.263+

Ribas-Corbera, J.; Shaw-Min Lei;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 10 , Issue: 7 , Oct. 2000

Pages:1154 - 1158

[\[Abstract\]](#) [\[PDF Full-Text \(124KB\)\]](#) **IEEE JNL**

4 Rate control in DCT video coding for low-delay communications

Ribas-Corbera, J.; Shawmin Lei;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 9 , Issue: 1 , Feb. 1999

Pages:172 - 185

[\[Abstract\]](#) [\[PDF Full-Text \(488KB\)\]](#) **IEEE JNL**

5 A generalized video complexity verifier for flexible decoding

Regunathan, S.L.; Chou, P.A.; Ribas-Corbera, J.;

Image Processing, 2003. Proceedings. 2003 International Conference on , Vo 3 , Sept. 14-17, 2003

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.6

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **4** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Selective stabilization of images acquired by unmanned ground veh
Yao, Y.S.; Chellapa, R.;
 Robotics and Automation, IEEE Transactions on , Volume: 13 , Issue: 5 , Oct.

Pages:693 - 708

[\[Abstract\]](#) [\[PDF Full-Text \(552KB\)\]](#) **IEEE JNL**

2 A comparative study of mobility prediction in fixed wireless network and mobile ad hoc networks
Chellapa, R.; Jennings, A.; Shenoy, N.;
 Communications, 2003. ICC '03. IEEE International Conference on , Volume: 2 , 11-15 May 2003
 Pages:891 - 895 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(361KB\)\]](#) **IEEE CNF**
3 Expert Summaries

Chellapa, R.; De Mori, R.; Giannakis, G.B.; Musmann, H.G.; Ney, H.; Smith, I. Treichler, J.; Zoltowski, M.D.;
 Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on , Volume: 1 , 21-24 April 1997
 Pages:9 - 10

[\[Abstract\]](#) [\[PDF Full-Text \(192KB\)\]](#) **IEEE CNF**
4 3-D motion estimation using a sequence of noisy stereo images

Young, G.-S.; Chellapa, R.;
 Computer Vision and Pattern Recognition, 1988. Proceedings CVPR '88., Com Society Conference on , 5-9 June 1988
 Pages:710 - 716

[\[Abstract\]](#) [\[PDF Full-Text \(484KB\)\]](#) **IEEE CNF**

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
IEEE Xplore®
 RELEASE 1.6

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **26** of **1011253** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Facial feature extraction using adaptive Hough transform, template matching and active contour models***Nikolaïdis, A.; Kotropoulos, C.; Pitas, I.;*

Digital Signal Processing Proceedings, 1997. DSP 97., 1997 13th International Conference on , Volume: 2 , 2-4 July 1997

Pages:865 - 868 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(440 KB\)\]](#) IEEE CNF
2 Detection of eyes from human faces by Hough transform and separability filter*Kawaguchi, T.; Hidaka, D.; Rizon, M.;*

Image Processing, 2000. Proceedings. 2000 International Conference on , Volume: 1 , 10-13 Sept. 2000

Pages:49 - 52 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) IEEE CNF
3 Facial feature extraction and image-based face drawing*Hao Wang; Kongqiao Wang;*

Signal Processing, 2002 6th International Conference on , Volume: 1 , 26-30 2002

Pages:699 - 702 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(353 KB\)\]](#) IEEE CNF
4 Detection and tracking of facial features in real time using a synerg approach of spatio-temporal models and generalized Hough-transform techniques*Schubert, A.;*

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)
IEEE Xplore[®]
 RELEASE 1.6

 Welcome
 United States Patent and Trademark Office

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)
[Quick Links](#)
Welcome to IEEE Xplore[®]

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Your search matched **1** of **1011253** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Extraction of face region by using characteristics of color space and detection of face direction through an eigenspace
Adachi, Y.; Imai, A.; Ozaki, M.; Ishii, N.;

Knowledge-Based Intelligent Engineering Systems and Allied Technologies, 2000 Proceedings. Fourth International Conference on , Volume: 1 , 30 Aug.-1 Sep 2000

Pages:393 - 396 vol.1

[\[Abstract\]](#)
[\[PDF Full-Text \(264 KB\)\]](#)
IEEE CNF
[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

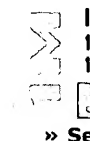
Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.6

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **9** of **1011253** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

(face or facial) and (circ* or circul*) and ellip*

Search

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Extraction of face region by using characteristics of color space and detection of face direction through an eigenspace***Adachi, Y.; Imai, A.; Ozaki, M.; Ishii, N.;*

Knowledge-Based Intelligent Engineering Systems and Allied Technologies, 21 Proceedings. Fourth International Conference on , Volume: 1 , 30 Aug.-1 Sep 2000

Pages:393 - 396 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) **IEEE CNF**
2 Using affine correspondence to estimate 3-D facial pose*Yao, P.; Evans, G.; Calway, A.;*

Image Processing, 2001. Proceedings. 2001 International Conference on , Vo 3 , 7-10 Oct. 2001

Pages:919 - 922 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) **IEEE CNF**
3 Eye detection based on grayscale morphology*Hai Han; Kawaguchi, T.; Nagata, R.;*TENCON '02. Proceedings. 2002 IEEE Region 10 Conference on Computers, Communications, Control and Power Engineering , Volume: 1 , 28-31 Oct. 2002
Pages:498 - 502 vol.1
[\[Abstract\]](#) [\[PDF Full-Text \(597 KB\)\]](#) **IEEE CNF**
4 Feature extraction for video rate three dimensional imaging via color spots*Davies, C.J.; Nixon, M.S.;*

Electrical and Computer Engineering, 1995. Canadian Conference on , Volume

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.